



February 7, 2019

VIA ELECTRONIC FILING

Ms. Marlene H. Dortch, Secretary Federal Communications Commission Office of the Secretary 445 12th Street, SW Washington, DC 20554

Re: Notice of Ex Parte Meeting
GN Docket No. 18-122

Dear Ms. Dortch:

Pursuant to FCC Rule 1.1206, this letter attaches satellite transponder migration plans developed by SES and Intelsat.¹ The plans describe in detail how SES and Intelsat currently plan to accommodate all existing C-band customers in 300 MHz of spectrum. The plans demonstrate that, if the CBA's Market-Based Approach is adopted, every current C-band customer will continue to be served in the C-band. The plans further show that 200 MHz is the maximum amount of spectrum that can be cleared without denying C-Band service to some current customers.² In addition, SES and Intelsat hereby affirm their commitment to cover all reasonable costs of the transition for every impacted entity, including their customers and their customers' customers (e.g., local broadcast stations and cable systems).

Please contact the undersigned with any questions regarding this letter.

Respectfully submitted,

/s/ Jennifer D. Hindin
Jennifer D. Hindin
Counsel for the C-Band Alliance

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The plans were developed independently of one another.

Although SES and Intelsat currently consider their respective migration plans to be final, these plans could change depending on a number of real-world factors, including the exact plan adopted by the Commission to clear mid-band spectrum for 5G.



SES North America C-Band Spectrum Clearing Summary

FUTURE LOADING (1)

Pre-Emptible
Contracted
Cleared in CONUS
Off / Contracted Spare



Trx	1/2	3 / 4	5 / 6	7 / 8	9 / 10	11 / 12	13 / 14	15 / 16	17 / 18	19 / 20	21 / 22	23 / 24
135W NewSat						SES MCPC	OU	OU				
						Cust A	Cust A	Cust A	Cust A	Maritime	Maritime	OU
131W						Cust B	Cust D	Cust D				
AMC-11R				Cust T*		Cust C	Cust C	Cust D	Cust D	Cust D	Cust D	Cust D
105W SES-11						Cust E	Radio	Cust E	Radio	Cust F	Radio	Cust G
						Cust H	Cust I	Cust J	Cust J	Cust I	Cust H	Cust I
103W						Cust C	Cust K	Cust L	Cust C	Cust B	Cust G	Cust M
SES-3						SCPC	Cust B	Cust G	Cust N	Cust O	Cust N	Cust M
101W						Cust P	SCPC	Cust H	Cust Q	Cust P	Cust R	Cust H
SES-1						Cust P	Cust T	Cust H	SCPC	Cust P	Cust U	Cust S
103W												
In Orbit Spare**												
	*Service to Ala	neka								OH	Occasional I Ise	

^{*}Service to Alaska

OU: Occasional Use

SCPC: Single Channel Per Carrier MCPC: Multiple Channel Per Carrier

^{**}In-orbit spare is co-located with SES-3 at 103W and will be relocated to 101W or 105W in event of transponder failure(s) on SES-1 or SES-11, respectively. Spare transponders can only be activated to replace failed transponders and are otherwise unavailable for use.

FUTURE LOADING (2)

Contracted
Cleared in CONUS



Trx	1/2	3 / 4	5/6	7 / 8	9 / 10	11 / 12	13 / 14	15 / 16	17 / 18	19 / 20	21 / 22	23 / 24
139W						Cust V	Cust V	Cust V	Maritime	Maritime	Maritime	Maritime
AMC-8						Cust V	Cust V	Cust V	Maritime	Maritime	Maritime	Maritime
87W	Cust X**	SCPC	Cust X**	Cust X**	SCPC	SCPC	Cust W*					
SES-2	Cust X**	Cust X**	€uat X**	Cust X**		SCPC	Cust X**	Cust X**	SCPC	Cust X**	Cust Y	SCPC

SCPC: Single Channel Per Carrier

*Service to Greenland
**Service to Canada





Future Cable Loading

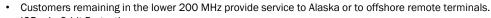
(180 MHz cleared + 20 MHz guard band)

Cleared Spectrum

Contracted Protection*

*Shaded cells denote capacity used to restore customers in the event of a failure; unless otherwise noted, capacity restores multiple customers

					· · · · · · · · · · · · · · · · · · ·						
1/2	3/4	5/6	7/8	9/10	11 / 12	13/14	15 / 16	17 / 18	19/20	21/22	23 / 24
					Cust. A	Cust. K	Cust. L	Cust. AQ / Cust. BK	Cust. H	Cust. A	Cust. H
					Cust. A	Cust. K	Cust. L	Cust. E	Cust. A	Cust. A	Cust. AZ
Cust. B Protection	Cust. B Protection	Cust. B Protection	Cust. B Protection	Cust. B Protection	Cust. F	Cust. F	Cust. K	Cust. M	Cust. Q	Cust. AU	Cust. F
Cust. B Protection	Cust. B Protection	Cust. B Protection	Cust. B Protection	Cust. B Protection	Cust. F	Cust. P	Cust. K	Cust. CA	Intelsat MCPC	Cust. P	Cust. U / Cust. M
					Cust. E	Cust. AY	Cust. H	Cust. L	Cust. BC	Cust. AS	Cust. O
					Cust. AH	Cust. E	Cust. H	Cust. T	Cust. AE	Cust. L	Cust. AX
Cust. B	Cust. B	Cust. B	Cust. B	Cust. B	Cust. Y	Cust. W	Cust. W / Cust. BJ	Cust. AK	Cust. U	Cust. E	Cust. E
Cust. B	Cust. B	Cust. B	Cust. B	Cust. B	Cust. F	Cust. AT	Cust. AV	Cust. AG	Cust. AB	Cust. E	Cust. AO
Cust. D	Cust. D	Cust. D	Cust. D	Cust. D	Cust. AA	OUTV	Cust. BB	Cust. D	Cust. AL	OUTV	Cust BQ, Cust BI, Cust BY
Cust. D	Cust. D	Cust. D	Cust. D	Cust. G	Cust. D	Cust. G	Cust. Y / Cust. D	Cust. BH / Cust. M	Cust. G	Cust. N	Cust. V / Cust. BZ
					Cust. A	Cust. T	Cust. BE / Cust. BR	Cust. A	Cust. A	Cust. A	Cust. A
					Cust. BV / Cust. J	Cust. BT / Cust. BF	Cust. A	Cust. AW	Cust. AJ	Cust. A	Cust. AG
	Cust. B Protection Cust. B Protection Cust. B Cust. B Cust. B	Cust. B Protection Cust. B Protection Cust. B Protection Cust. B Cust. B Cust. B Cust. B Cust. B Cust. B Cust. B Cust. B Cust. B Cust. B	Cust. B Protection Cust. B Cust. B Cust. B Cust. B Cust. B Cust. B Cust. B Cust. B Cust. B Cust. B	Cust. B Protection Cust. B Cust. B Protection Cust. B	Cust. B Protection Cust. B Cust. B Protection Cust. B Cust. B Cust. B Protection Cust. B	Cust. B Protection Cust. B Protection Cust. B Cust. F Cust. B Cust. F Cust. B Cust. D Cust. D Cust. AA Cust. D Cust. D Cust. D Cust. D Cust. D Cust. D Cust. B Cust. D Cust. D Cust. D Cust. D Cust. D Cust. B Cust. D Cust. D Cust. D Cust. B Cust. D Cust. D Cust. B Cust. D Cust. D Cust. B Cust. D Cust. D	Cust. B Protection Cust. F Cust. P Protection Cust. B Protection Cust. B Protection Cust. B Protection Cust. B Cust. B Cust. F Cust. P Cust. P Cust. AY Cust. B Cust. C	Cust. B Protection Cust. B	Cust. B Protection Cust. CA Cust. C	Cust. B Protection Cust. A	Cust. B Protection Cust. A



• IOP = In-Orbit Protection

• MCPC = Multichannel Per Carrier

• OUTV = Occasional Use Television





Future Broadcast Loading

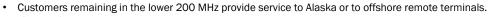
(180 MHz cleared + 20 MHz guard band)

Preemptible Cleared Spectrum

Unavailable Contracted Protection*

*Shaded cells denote capacity used to restore customers in the event of a failure; unless otherwise noted, capacity restores multiple customers

Trx	1/2	3/4	5/6	7/8	9/10	11/12	13 / 14	15 / 16	17 / 18	19/20	21/22	23 / 24
99W Galaxy 16						Cust. S	Cust. S	Cust. AR	Cust. M	Cust. A	Cust. E	Cust. A IOP / OUTV
						Cust I / Cust BQ, etc.	Cust. I	Cust. BS, et al.	Cust. A	Cust. I	Cust. A IOP / OUTV	Cust. I
97W	Cust. R / Cust. V	Cust. BA		Cust. X		Cust. CC/Cust. BL +4 others	Cust. J / Cust. BG	Cust. AM	Cust. X / 4 others	Cust. C	Cust. C	Cust. C IOP / OUTV
Galaxy 19		Cust. G	Cust. AF	Cust. G		Cust. F	Cust. Al	Cust. I	Cust. C	Cust. C	Cust. BD	Cust. C IOP / OUTV
95W	Cust. R					OUTV	Cust. R / 3 others	Cust. E	Cust. A IOP / OUTV	Cust. A	Cust. C IOP / OUTV	Cust. C IOP / OUTV
Galaxy 3C						Cust. J	Cust. J	Cust. J	Cust. A	Cust. A IOP / OUTV	Cust. C IOP / OUTV	Cust. C IOP / OUTV
89W Galaxy 28							OUTV	Cust. C IOP / Cust. J	Cust. D	OUTV	Cust. D / 3 others	Cust. C
		Cust. G		Cust. G		Cust. G / Cust. Z, etc.	Cust. Z	Cust. C IOP / OUTV	OUTV	Cust. N	Cust. N	Cust. C



- IOP = In-Orbit Protection
- MCPC = Multichannel Per Carrier
- OUTV = Occasional Use Television



